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UTILITY **PATENT APPLICATION TRANSMITTAL**

| Allomey Dockel No. | 1076.12 | ш |
|------------------------|--|-----------------|
| First Inventor | Ronald Sapolsky | -0 . |
| Title | CAPTURING SEQUENCES ADJACENT TO TYPE-IIS RESTRICTION SITES FOR GENOMIC LIBRARY MAPPING | 28 |
| Express Mail Label No. | EV 187574303 US | 78 |

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

| APPLICATION ELEMENTS | | | | Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 | | | | | | |
|--|---|----------------------|---------------|--|---|-----------|--|--|--|--|
| See MPEP chapter 600 concerning utility patent application contents. | | | | | | P.O. BOX | 1450 a VA 22313-1450 | | | |
| 2. | Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. Specification [Total Pages 40] (preferred arrangement set forth below) - Descriptive title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description | | | | 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATIONS PARTS 9. Assignment Papers (cover sheet & document(s)) 10. 37 C.F.R. 3.73(b) Statement Power of | | | | | |
| | Claim(s) Abstract of the Disclosure | | 11. | (when there is an assignee) Attorney 11. English Translation Document (if applicable) | | | | | | |
| 4. D 5. Oath or I | | | | | Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations | | | | | |
| _ | Newly executed (orig | (Total She | eets 2] | 13. 🖾 | Preliminary | Amendment | | | | |
| | Copy from a prior app | | 1.63 (d)) | 14. 🛛 | 14. Return Receipt Postcard (MPEP 503) | | | | | |
| | (for a continuation/div | | 18 completed) | 15. 🔲 | | | | | | |
| 1. [_ | DELETION OF IN Signed statement attack | ned deleting invento | | 16. | (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122 | | | | | |
| | named in the prior appli 1.63(d)(2) and 1.33(b). | cation, see 37 CFR | | | (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. | | | | | |
| 6. Application Data Sheet. See 37 CFR 1.76 | | | 17. 🗌 | | | | | | | |
| 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: ☑ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: 10 / 193751 Prior application information: Examiner James S. Ketter Art Unit: 1636 For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only | | | | | | | | | | |
| be relied upo | on when a portion has bee | | ORRESPON | | ` | | • | | | |
| ☑ Customer Number 2288 | | | | | | | | | | |
| Name | | | | | | | | | | |
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| City | | | State | | | Zip Code | | | | |
| Country | | Tel | ephone | ,, | | Fax | | | | |
| Name (Print/ | Type) Sandra | E. Wells | | Registration N | lo. (Attorney/Ag | | 52,349 | | | |
| Signature Sandy C Mills | | | | | | Date | 10/29/2003 | | | |
| This calledian | of information is robuted | 27 CED 4 00/51 3 | ha i-fa | | | | lie which is to file (and by the LISPTO to | | | |

This collection of information is required by 37 CRR 1.95(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



| FEE TO ANOMITTAL | Complete if Known | | | | | |
|--|-----------------------------|------------------|--------------|------------------|---|--|
| FEE TRANSMITTAL | Application Number | | | Unknown | | |
| for FY 2004 | Filing Date | | | October 29, 2003 | | |
| 101 1 200 1 | First Named Inventor | | | Ronald Sapolsky | | |
| Effective 10/01/2003. Patent fees are subject to annual revision. | Examiner Name | | | Uknown | | |
| Applicant claims small entity status. See 37 CFR 1.27 | | Art Unit Unknown | | | | |
| | 711 01 | | | | | |
| TOTAL AMOUNT OF PAYMENT (\$) 770 | Attorney Docket No. 1078.1E | | | | | |
| METHOD OF PAYMENT (check all that apply) | | | | | ALCULATION (continued) | |
| ☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None | 3. ADDITIONAL FEES | | | | | |
| Order | Large Entity Small Entity | | | | | |
| ☐ Deposit Account: | Fee | Fee | Fee | Fee | Fee Description Fee Paid | |
| Deposit | Code | (\$) | Code | (\$) | | |
| Account 01-0431 Number | 1051 1052 | 130 50 | 2051 2052 | 65 25 | Surcharge - late filing fee or oath Surcharge - late provisional filing fee | |
| | 1002 | 30 | 2002 | 23 | or cover sheet. | |
| Deposit Account Affymetrix, Inc. | 1053 | 130 | 1053 | 130 | Non-English specification | |
| Account Affymetrix, Inc. Name | 1812 | 2,520 | 1812 | 2,520 | For filing a request for reexamination | |
| The Director is authorized to: (check all that apply) | 1804 | 920° | 1804 | 920° | Requesting publication of SIR prior to Examiner action | |
| ☐ Charge fee(s) indicated below ☐ Credit any overpayments ☐ Charge any additional fee(s) during the pendency of this application | 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| ☐ Charge fee(s) indicated below, except for the filing fee | 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| to the above-identified deposit account. FEE CALCULATION | 1252 | 420 | 2252 | 210 | Extension for reply within second | |
| | 1253 | 950 | 2253 | 475 | month Extension for reply within third month | |
| 1. BASIC FILING FEE | 1253 | 1.480 | 2253 | 740 | Extension for reply within fourth | |
| Large Entity Small Entity Fee Fee Fee Fee Description | | .,, | | | month | |
| Code (\$) Code (\$) Fee Paid | 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month | |
| 1001 770 2001 385 Utility filing fee 770 | 1401 | 330 | 2401 | 165 | Notice of Appeal | |
| 1002 340 2002 170 Design filing fee | 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal | |
| 1003 530 2003 265 Plant filing fee | 1403 | 290 | 2403 | 145 | Request for oral hearing | |
| 1004 770 2004 385 Reissue filing fee | 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1005 160 2005 80 Provisional filling fee | 1452 | 110 | 2452 | 55 | Petition to revive – unavoidable | |
| SUBTOTAL (1) (\$) 770 | 1453 | 1,330 | 2453 | 665 | Petition to revive – unintentional | |
| | 1501 | 1,330 | 2501 | 665 | Utility issue fee (or reissue) | |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE | 1502 | 480 | 2502 | 240 | Design issue fee | |
| Extra Fee from Fee Claims below Paid | 1503 | 640 | 2503 | 320 | Plant issue fee | |
| Total Claims 5 -20 ** = 0 X 18 = 0 | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| Independent 2 -3 ** = 0 X 86 = 0 | 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17 (q) Submission of Information Disclosure | |
| Multiple | 1806 | 180 | 1806 | 180 | Stmt | |
| Dependent Large Entity (Small Entity | 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| Fee Fee Fee Fee Fee Fee Paggription | 1809 | 770 | 2809 | 385 | Filing a submission after final rejection | |

| Code | (\$) | Code | (\$) | ree Description | | | | | (37 CFR § 1.129(a)) | | |
|--|------|------|------|--|-----------|---------------------|---------|--------------------------|---|--|--|
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 | 1810 | 770 | 2810 | 385 | For each additional invention to be | | |
| 1201 | 86 | 2201 | 43 | Independent claims in excess of 3 | | | | | examined (37 CFR § 1.129(b)) | | |
| 1203 | 290 | 2203 | 145 | Multiple dependent claim, if not paid | 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) | | |
| 1204 | 86 | 2204 | 43 | ** Reissue independent daims over original patent | 1802 | 900 | 1802 | 900 | Request for expedited examination | | |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and | | | | | of a design application | | |
| over original patent | | | | | Other | Other fee (specify) | | | | | |
| SUBTOTAL (2) (\$) 0 | | | | | | | | | | | |
| <u> </u> | | | | *Red | uced by B | lasic Filin | g Fee I | Paid SUBTOTAL (3) (\$) 0 | | | |
| **or number previously paid, if greater; For Reissues, see above | | | | | | | | | | | |
| | | | | | | | | | | | |

SUBMITTED BY Complete (if applicable) Registration No. (Attomey/Agent) Name (Print/Type) 52,349 408-731-5000 Saffora E. Wells Telephone Signature Date 10/29/2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.